IN THE CLAIMS:

Claim 1 (currently amended): A bonding data setting device for setting ~~operating~~ wire loop shape parameters [[of]] for a bonding tool of a wire bonding apparatus, said bonding data setting device comprising:

an image drawing means which draws a wire loop shape on a screen;

a handle display means which displays an editing handle on said screen;

a manipulating input means which is used to manipulate a position of said editing handle displayed on said screen;

a redrawing means which is used to redraw said displayed wire loop shape in a position that conforms to a movement of said editing handle;

a parameter calculating means which calculates values of operating parameters that correspond to said wire loop shape that is drawn or redrawn on said screen;

a parameter value display means which displays calculated values of said operating parameters on said screen;

a loop shape display means which displays a plurality of different types of shape of said wire loops on said screen;

a selective input means which selects and inputs one of displayed plurality of different types of shape of said wire loops;

a judgment means which judges whether or not a manipulated input value of said position of said editing handle that has been inputted by said manipulating input means is within a specified permissible range; and

an out-of-range output means which outputs a specified out-of-range output in cases where said manipulated input value is outside said permissible range.

Claim 2 (cancelled).

Claim 3 (cancelled).

Claim 4 (currently amended): The bonding data setting device according to Claim [[3]] 1, wherein said out-of-range output is an alteration of a display method of a redrawn image redrawn by said redrawing means.

Claim 5 (currently amended): The bonding data setting device according to Claim [[3]] 1, wherein said out-of-range output is a warning.

Claim 6 (currently amended): The bonding data setting device according to Claim 1 [[or 2]], wherein

a parameter value input means that inputs values of said operating parameters is further provided; and

said redrawing means redraws a shape of said wire loop based upon inputted parameter values.

Claim 7 (currently amended): The bonding data setting device according to Claim [[3]] 1, wherein

a parameter value input means that inputs values of said operating parameters is further provided, and

said redrawing means redraws a shape of said wire loop based upon inputted parameter values.

Claim 8 (original): The bonding data setting device according to Claim 4, wherein

a parameter value input means that inputs values of said operating parameters is further provided; and

said redrawing means redraws said shape of said wire loop based upon inputted parameter values.

Claim 9 (original): The bonding data setting device according to Claim 5, wherein

a parameter value input means that inputs values of said operating parameters is further provided; and

said redrawing means redraws a shape of said wire loop based upon inputted parameter values.

Claim 10 (currently amended): A bonding data setting method for setting ~~operating~~ wire loop shape parameters [[of]] for a bonding tool of a wire bonding apparatus, said bonding data setting method comprising the steps of:

drawing a wire loop shape on a screen;

displaying an editing handle on said screen;

acquiring a manipulated input of a position of said editing handle displayed on said screen;

redrawing said displayed wire loop shape in a position that conforms to a movement of said editing handle;

calculating values of operating parameters that correspond to said wire loop shape that is drawn or redrawn on said screen; and

displaying calculated values of said operating parameters on said screen.